

SHESHENEV, A.A.

Voronezh Province congress of sanitary inspectors, epidemiologists,  
microbiologists, and specialists in communicable diseases. Zdrav.  
Ros.Feder. 3 no.1:42-43 Ja '59. (MIRA 12:2)  
(VORONEZH PROVINCE--PUBLIC HEALTH--CONGRESSES)

SHESHENEV, A.A.

Physicians' meeting. Zdrav.Ros.Fed. 3 no.10-45 0 '59.

(MIRA 13:1)

(VORONEZH--MEDICAL PERSONNEL)

SHESHENEV, M. F.

18  
Effect of alloying elements on the high-temperature strength properties of chromium stainless steels G. P. Fedotov-Lutikov and M. F. Shesheney. Metalloved

Obrabotka Metallov 1986, No. 6-2-16. The aim of the research was to produce a nonaustenitic steel, not contg. Ni, for use at 600° in steam-turbine blades. The basic analysis of C 0.10-0.15, Cr 10-12, Mo 0.8-0.8, and V 0.16-0.25% was chosen on the basis of previous British and American work. The effects of single addns. of V 0.28-0.98, Nb 0.15-0.71, Ti 0.13-0.55, W 0.32-3.90, or W 0.80-3.4% with 0.35% Nb and 0.9% Ni were studied. Twelve-kg. ingots produced by induction melting were forged into bars. The bars were oil quenched after being heated at 1050° for 1 hr. and were tempered for 3 hrs. at 650° followed by air cooling. The grain sizes were in the range 0-8. The mech. properties at 20, 600, and 630° were plotted as a function of alloy content. The creep rate of the base compn. was decreased by 0.3% V, but was increased by 1.0% V. It was also decreased by Nb and W, but was unchanged by Ti. Extensive analyses were given of carbide residues obtained from the heat-treated steels and from steels aged 10,000 hrs. at 600°. The analyses of the ferrites were also tabulated. Rupture tests were carried out at 600° with a stress of 11 kg./sq. mm. For specimens that failed to break in 1000 hrs. the stress was raised to 20 or 25 kg./sq. mm. The 3.4% W alloy with Nb and Ni had the best properties with a 10,000-hr. strength of 18 kg./sq. mm. Although Nb increased the tensile strength of the alloy contg. about 1% W, it decreased the impact strength and made heat-treating more difficult. Strengthening of the ferrite was the principal cause of in-

5  
4E2C  
1-RE

FEDORTSOV - LUTIKOV, G.P. . .

creased high-temp. strength, although the presence of special carbides helped. Two new steel compositions were recommended on the basis of this work: 1Kh12V4ME (EI767V) contg. C 0.10-0.15, Cr 10.5-12.5, W 3.7-4.3, Mo 0.6-0.8, V 0.2-0.3, Si 0.20-0.35, and Mn 0.6-0.8%; and 1Kh12V2MF (EI750) which differed in contg. 1.8-2.2% W. Their 10,000-hr. rupture strengths at 600° were 14-16 and 13-14 kg./sq. mm., resp., and their creep strengths for  $1 \times 10^{-4}$  %/hr. were 8.0 and 4.5 kg./sq. mm. Their impact strengths were 4.5-14 and 10-15 kg.m./sq. cm. as heat-treated and 3-4 after 3000-10,000 hrs. aging at 600°.

18

A.G. Guy

5  
IRG  
14E2C

PJ 2/2  
RB amf

PAGE I BOOK EXPLOITATION

SOV/2103

180)

Nauchno-tekhnicheskoye obshchino-sotsialisticheskoye institut' tsentral'nyy i mezhdunarodnyy  
struktur' i proizvystvennyy zhurnaly [Journals] (Structural and Produc-  
tive Materials) Collection of Articles [Articles] Moscow, March,  
1959. (Series 1st [Prod.] No. 9) Erreba slip issued. 4,000 copies  
printed.

Additional Sponsoring Agencies: USSR. Gosudarstvennaya planovaya komissiya, and  
Gosudarstvennyy nauchno-tekhnicheskii i proektchnykh organizatsiy.  
Nauchno-tekhnicheskoye institut' tsentral'nyy i mezhdunarodnyy

M. I. Z.M. Peresypkovskaya, Candidate of Technical Sciences, Ed. of Publishing and Prop-  
agation, A. A. Yevrov, Tech. Ed., A. P. Uvarova, Managing Ed. for Literature on  
Metal Working and Tool Making; R. D. Berezman.

Purpose: This book is intended for workers or scientific research institutes and  
for engineering staffs or plant laboratories of the boiler and turbine  
industries and power stations. It may also be useful to staff members of  
higher educational institutions studying problems of physical metallurgy.  
CONTENTS: This collection of articles describes results of work done at  
particulars on the strength of materials used constantly at high temperatures  
in power plants. The articles deal with problems of heat resistance, al-  
loring, and the production and heat treatment of heat-resistant steels.  
The evaluation of properties of industrial materials used under high and  
ultra-high pressure is given, and modern testing methods are discussed. No  
particularities are mentioned. References follow several of the articles.

NAME OF CONTRIBUTOR:

Bogachev, L.I. [Candidate of Technical Sciences]. Effect of Preliminary Deform-  
ation on Behavior of Materials During Subsequent Operations at High  
Temperatures

The influence of strain hardening by tension and torsion on  
the strength and ductility of heat-resistant steels is dis-  
cussed. The effect of strain hardening on creep resistance  
is described. The phenomena of crack extension, and  
recrystallization, and stability of mechanical properties, and  
phase composition at aging is presented.

#### CHAPTER III. MATERIALS FOR HIGH AND ULTRA-HIGH PRESSURE UNITS

Podol'skii-labotory, G.P. [Candidate of Technical Sciences], and T.S.  
Dobrovolskaya [Engineer]. Investigation of 1Mn24 and 1Cr24 Steels for  
Use in Boiler Units

The influence of strain hardening by tension and  
creep rate on properties of physical, mechanical, and heat-resisting  
steels of critical sections is described. The phenomena  
of thermal fatigue and aging of these steels are discussed.

Podol'skii-labotory, G.P., and N.P. Shevchenko [Engineers]. Investiga-  
tion of the Properties of 1Cr17Mo2Ni13 Steel  
for the Low-temperature Part of the Boiler  
In investigation of mechanical properties, creep strength and  
creep rate at temperatures up to 600°C is presented.

Reznichenko, G.A., and M.D. Maturova. Change in Phase Composition of  
1Mn22 and 1Cr17 Steels Due to Heat-treating Conditions  
The steels under investigation were oil-quenched at 1150°C  
and reheat-treated again at 600, 650, and 700°C, for up to 3,000 hours.  
The change in phase composition was studied by means of structural  
analysis and compared with results of chemical analysis and  
metallographic investigation.

For 1500 to 2000 hours, are presented.

Reznichenko, G.A., V.A. Saitova [Engineer]. Electrographic Investigation  
of the Structure of Oxide Films on 1Mn22 and 1Cr17 Steels and a Group  
of Alloyed Steels  
The structure of oxide films generated under various temperature  
and holding time is discussed. The influence of preliminary heat  
treatment (quenching and tempering) is  
noted.

AVAILABLE: Library of Congress

SO/2103

SHESHENEV, M. F., Cand of Tech Sci -- (diss) "Research and Development  
of a Heat Resistant Complexly Alloyed Chromatic Steel for Power  
Engineering Establishments," Moscow, 1959, 21 pp (State Committee  
of the Council of Ministers USSR for Automation and Machine Building;  
Central Scientific Research Institute of Technology and Machine  
Building) (KL, 1-60, 123)

S37/5559

Akademija na SSSR, Institut metalurgii. Turnyj sovet po problemam prochnosti splavorov  
Izdatelstvo po inzhenernoj selenii. Institut metalurgii. Turnyj sovet po problemam prochnosti splavorov  
Akademiya Nauk SSSR, Institut metalurgii. Turnyj sovet po problemam prochnosti splavorov  
2,000 copies printed.

Ed. of Publishing House: V.A. Eliseev; Tech. Ed.: I.P. Kurnatov; Editorial Board: I.P. Barin, Academician, G.V. Kirilenko, Academician, M.V. Astanov, Corresponding Member, USSR Academy of Sciences (Repub. Ed.) I.A. Odintsov, I.M. Pavlov, and I.P. Isulin, Candidate of Technical Sciences.

Purpose: This book is intended for metallurgical engineers, research workers in metallurgy, and may also be of interest to students of advanced courses in metallurgy.

Coverage: This book, consisting of a number of papers, deals with the properties of heat-resistant steels and alloys. Each of the papers is devoted to the study of the carbonization effect, the properties and behavior of metals, the effects of various elements such as Cr, Mo and W on the heat-resisting properties of various alloys are studied. Deformability and variability of certain metals as related to the thermal conditions are the object of another study described. The problems of hydrogen embrittlement, diffusion of certain metals as related to the thermal conditions are the object of another study described. The problems of carbide coatings on several surfaces by means of electroplating are examined. One paper describes the apparatus and methods used for evaluating boronized steels. Results are given of studies of interatomic bonds and the behavior of atoms in metal. Tests of turbine and compressor blades are described. No personalities are mentioned. References accompany each of the articles.

- Savitskiy, V.G., and E.V. Popov. Study of Certain Problems of the Temperature Dependence of the Plasticity of Steel from the Viewpoint of the Dislocation Theory 150
- Ortuzin, P.L., L.V. Pavlenko, A.D. Drutskiy (Decreased), and G.I. Fedorov... 155
- Self-Diffusion in Chromium and Nickel-Base Alloys 155
- Petrov-Yatskov, G.P., M.Z. Sheinkman, R.S. Kaplan, M.J. Butko, and I.S. Karlenko. Investigation of the Properties of ET70 Steel 160
- Fedotov-Shchitnikov, G.P., T.I. Samoilova, and M.M. Dolganov. Cast Austenitic Steel for Service at Temperatures of 600-700°C 165
- Zernov, V.Z., M.A. Filimonov, A.V. Pyatnitskay, A.I. Mikhalev, S.A. Tolokovsky, A.G. John, D.I. Bereshevskiy, V.N. Smirnov, and M.I. Chukin. Heat-Resistant Alloy for Automotive and Steamship Gas Turbines 175
- Glushko, B.I. The Effect of Elements of Groups IV to VIII of the Periodic Table on the Properties of Phase Steels 179
- Kotovskiy, B.I. The Effect of Hardness and Grain Size on the Thermal Fatigue of Heat-Resistant Steel 187
- Portany, K.I., and G.V. Smirnov. Study of Boride-Base Materials 192
- Arshinov, P.M. Study of Thinnest Coatings of the Diffusion Layer 197
- Apakov, B.A. On the Theory of Recovery and Complex Alloys of Steels 203
- Makhorodt, Yu.A., M.G. Olszanskiy, V.Yu. Blizot, G.P. Kochetkov, M.Y. Antipov, I.V. Gulyaykin, and A.F. Ioffe. Causality of Heat-Resisting Alloys 210
- M. Aronov, B.I., and A.I. Semenikov. Metallurgical Problems in Electracing Hard-Resistant Austenitic Steels and Nickel-Chromium-Phase Alloys 220
- Yefremov, V.I. Role Mechanism and Microstructure, Heat Resistance of Quality and Ability of Alloyed Steels and Alloys of Various Types of Alloys in Heat Resisting in Water-Cooled Metal Fins 228
- Ivanishchev, P.E. The Effect of Steel Additives of Addition Agents on the Properties of Nickel-Base Alloys 234
- Chizhik, V.E., M. I., and A.N. Grin'yan. Preparation and Investigation of Nickel-Titanium Alloys 240
- Pavlov, I.M. Forming of Hard- $\alpha$ -Fe-Alloys 245
- Pavlov, I.M. Specific Diffusion Work [per UNIT OF MASS] of Certain Alloys 255
- Kovalov, A.I., and A.M. Semarin. Mechanical Properties of Formed Chromium-Nickel, Ni-Mo, and Ni-Cr-Si Alloys 260
- Kurnosov, N.I., I.G. Stuparev, S.B. Pavlenko, and V.I. Radutsev. Thermal-Mechanical Rigidity of Turning High-Speed Vylezhnev-Pearl and Chromium-Nickel Alloys 269

18(7)

SOV/128-59-3-17/31

AUTHOR: Kreshchanovskiy, N.S. Candidate of Technical Sciences,  
Silayev, A.F., Candidate of Technical Sciences,  
Sheshenev, M.F., Engineer

TITLE: The Influence of Small Admixtures of Foreign Matter  
on the Structure and on the Heat Resistance of Large  
Castings of Steel Type 12Kh11V2NMF-L.

PERIODICAL: Liteynoye Proizvodstvo, 1959, Nr 3, pp 39-42 (USSR)

ABSTRACT: It has been realized that the use of austenite type  
steel for castings of turbines and fittings operating  
at steam temperature of 600° to 610° Celsius is not  
suitable. The reasons are: high price and weak techno-  
logical qualities. Therefore during the recent years  
for this purpose perlite type and semi-ferrite type  
steel have been introduced in the Soviet Union and in  
foreign countries. The tests showed that perlite type  
and especially semi-ferrite type steel of the type  
Kh11 at correct alloying with Mo, W, V, and Nb is able  
to operate at the above said temperature conditions.

Card 1/2

SOV/128-59-3-17/31

The Influence of Small Admixtures of Foreign Matter on the Structure and on the Heat Resistance of Large Castings of Steel Type  
12 XII V2 NMF-L

In case these foreign structure particles are mixed at correct proportion, this alloyed steel allows the production of large steel castings, which have the necessary heat resistance. This paper describes the tests made with steel of the type 12Kh11V2NMF-L, to which several small admixtures have been added. Laboratory and shop tests had been made with barium, cerium, zirconium and calcium metal. Small admixtures of these elements have promoted the crystallization of the steel. The shop tests have been carried out in an electric furnace of 4 tons capacity. These tests have been compared with the table established by Larsen-Miller. The best result showed an alloy with added aluminum, barium, and calcium. Tensile strength improved to 9,4 kg per square millimeter from 7 kg per sq. mm of steel without any admixture. Correspondingly the heat resistance was higher too. There are 7 tables, 9 graphs and 1 micro-photo.

Card 2/2

FEDORTSOV-LUTIKOV, G.P., kand.tekhn.nauk; SHISHENEV, M.F., inzh.

High-chromium semiferrite steels for blades and rotors of  
steam turbines operating at temperatures from 575° to 600°.  
[Trudy] TSNIITMASH 100:162-182 '59. (MIRA 13:?)  
(Chromium steel)  
(Metals at high temperature)

SILAYEV, A.F., kand.tekhn.nauk; FEDORTSOV-LUTIKOV, G.P., kand.tekhn.  
nauk; SHESHENEV, M.F., kand.tekhn.nauk

Properties of 12Kh11V2NMF-L steel castings. Metalloved.i term.  
obr.met. no.6:2-7 Je '60. (MIRA 13:?)

1. TSentral'nyy nauchno-issledovatel'skiy institut tekhnologii  
i mashinostroyeniya.  
(Steel castings--Testing)

10818  
S/137/62/000/004/121/201  
A060/A101

18/15/

AUTHORS: Sheshenev, M. F., Marinenko, L. S.

TITLE: Toughness study of heat-resistant 12% chrome steel

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 4, 1962, 54-55, abstract  
41323 (V sb. "Issled. novykh zharoprochn. splavov dlya energetiki",  
Moscow, Mashgiz, 1961, 151-163)

TEXT: The high level of  $a_k$  in 12% Cr-steel and semi-ferritic steel should be ensured already during the process of forging by a better treatment of the metal structure. In the production of castings and large forgings from steel of this class it is expedient to add gopherophilic elements (modifiers), especially alumino-barium-calcite alloy, to the metal, thus raising the  $a_k$  of the cast metal considerably.

T. Rumyantseva

[Abstracter's note: Complete translation]

Card 1/1

37862

S/123/62/000/009/002/017  
A052/A101*19/151*  
AUTHORS: Sheshenev, M. F., Marinenko, L. S.

TITLE: Investigation of toughness of 12% chromium heat-resisting steel

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 9, 1962, 19-20,  
abstract 9A119 (V sb. "Issled. novykh zharoprochn. splavov dlya  
energetiki". Moscow, Mashgiz, 1961, 151-163)TEXT: The results are presented of the investigation of toughness of  
3M 756 (EI756) (12% Cr) steel samples with a different C content (0.05 - 0.27%) in  
a forged and cast state. The investigation was carried out for selecting material  
suitable for large seamless forged steam turbine rotors. The toughness of cast  
metal is very low and that of well-forged metal is high, independently of the  
C content. The decisive factor determining the toughness level is the size of  
ferrite grain (crushing leads to an increase of  $a_k$ ). It is recommended to add  
modifiers (Al-Ba-Ca addition alloy) when casting steel, increasing considerably  
 $a_k$  of the cast metal.

[Abstracter's note: Complete translation]

Card 1/1

SHESHENEV, M.F., kand.tekhn.nauk

Effect of copper additions on the mechanical properties of  
12 % chromium steel. [Trudy] TSNIITMASH 105:108-113 '62.  
(MIRA 15:8)

(Chromium steel--Testing) (Copper)

S/590/62/105/000/008/015  
I031/I242

AUTHORS: Sheshenev, K.F., Candidate of Technical Sciences  
and I matova, I.V., Eng.

TITLE: Effect of cobalt on the structure and properties  
of 12% chromium steel

SOURCE: Moscow. Tsentral'nyy nauchno-issledovatel'skiy  
institut tekhnologii i mashinostroyeniya. Trudy.  
v.105, 1962, 114-124

TEXT: The existing data on the effect of cobalt on  
heat-resisting properties of steel are scarce and often contra-  
dictory. A 12% Cr steel of the 3II 756 (EI756) type with the  
cobalt content varying from 0.4 to 3.68% was selected for study.

Card 1/2

S/590/62/105/000/008/015  
I031/I242

Effect of cobalt on the structure...

The addition of cobalt sharply improved the heat-resisting properties and, especially, the creep behavior of the 12% Cr steel at 500-630°C. The maximum effect was obtained with 1.5-2% Co. Since the addition of cobalt has no effect on the precipitation of age-hardening elements like tungsten or molybdenum in the ferrite solid solution, the toughening effect is probably due to the contraction of lattice parameters (from 2.8669 to 2.8657 Å) caused by the diffusion of cobalt in the solid solution. There are 4 figures and 7 tables.

Card 2/2

Heat-Resistant Chromium Steel (Cont.)

SOV/6539

alloying of heat-resistant nonaustenitic steels and other problems of the heat-resistance theory are discussed. Engineering recommendations are made on the whole cycle of heat-treatment procedure applied to indicated steels. No personalities are mentioned. There are 63 references; 44 Soviet, 16 English, and 3 Czech.

TABLE OF CONTENTS:

Introduction	3
PART I. SOME PROBLEMS OF HEAT-RESISTANCE THEORY AND BASIC PRINCIPLES OF ALLOYING NONAUSTENITIC STEEL	
Ch. I. Modern Concepts of Mechanisms of Plastic Deformation and Fracture Under Creep Conditions	5
1. Mechanism of plastic deformation	7

Card 2/6

L 22294-66

ACC NR: AP6009811

2

of 5 mm cut from turbine blades show that the limiting long term strength of this steel (TsZh-5) at 580°C and a service life of ten thousand hours is about 17 kgf/mm<sup>2</sup>. The article concludes that TsZh-5 steel is an industrially promising material for production of cast turbine blades.  
Orig. art. has: 5 figures and 5 tables.

SUB CODE: 11,13 / SUBM DATE: none/ ORIG REF: 007/

Card 2/2 nst

MALYUK, V.I.; SHESHENIN, N.I.

Attachement for taking photographs by means of MBS-1 and MBS-2  
microscopes. Vrach. delo no. 1:119-120 '61. (MIRA 14:4)

1. Kafedra anatomii (zav. - prof. A.P. Lyubomudrov) L'vovskogo  
meditsinskogo instituta.  
(PHOTOMICROGRAPHY)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001549120015-3

SHESENINA, G.G.; KOROL', A.N.

Amount of stationary liquid and the effectiveness of a filled column.  
Zhur. prikl. khim. 38 no.7:1624-1625 Jl '65. (MIRA 18:7)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001549120015-3"

ZVEREV, A.G.; POPOV, V.F.; FADEYEV, I.I.; BABUSHKIN, V.I.; BERLOVICH, I.L.;  
BOCHKO, A.M.; BURLACHENKO, S.Ye.; GARBUZOV, V.F.; DMITRICHEV, P.Ya.;  
DUNDUKOV, G.F.; ZLOBIN, I.D.; KOROVUSHKIN, A.K.; KORSHUNOV, A.I.;  
KUZIN, M.G.; KUTUZOV, G.A.; LYSKOVICH, A.A.; MASHTAKOV, A.M.;  
MIKHEYEV, V.Ye.; NIKEL'BERG, P.M.; POSKONOV, A.A.; ROMANOV, G.V.;  
SOSIN, I.F.; SOSNOVSKIY, V.V.; POVOLOTSKIY, M.M.; URYUPIN, F.A.;  
KHARIONOVSKIY, A.I.; CHULKOV, N.S.; SHESHERO, N.A.; SHITOV, A.P.;  
SHUVALOV, A.M.; YANBUKHTIN, K.Kh.

Arsenii Mikhailovich Safronov; obituary. Fin.SSSR 18 no.11:95  
(MIRA 10:12)  
N '57.  
(Safronov, Arsenii Mikhailovich, 1903-1957)

NOVOZHILOV, V.; SHESHIN, A.

Work on QRP. Radio no.5:31 My '61.

(MIRA 14:7)

1. Radiostantsiya UALDQ, g. Leningrad. (for Novozhilov).
2. Radiostantsiya UAOWB, g. Abakan, Khakasskaya avtonomnaya oblast'  
(for Sheshin).

(Amateur radio stations)

SHESHIN, A.

Birth of new things. Kryl.rcd. 13 no.6:4-5 Je '62.  
(MIRA 19:1)  
1. Nachal'nik Moskovskogo oblastnogo aerokluba.

SOV/110-59-5-5/25

AUTHORS: Golubeva, V.P., Engineer and Shestkin, B.A. Engineer

TITLE: A Circuit-Closer for a High-Power Laboratory  
(Vklyuchayushchiy apparat dlya laboratoriib i l'shoy  
moshchnosti)

PERIODICAL: Vestnik elektro promyshlennosti, 1959, Nr. 5, pp. 18-22 (USSR)

ABSTRACT: Accurate high-speed circuit-closers are required in high-power testing stations. Hitherto, Soviet equipment of this kind has not had sufficiently stable operating time and did not close the circuit at the required instant. This article describes a newly developed and tested three-phase circuit-closer type VA-12, intended for currents up to 330 kA at 12 kV with operating-time variations not greater than  $\pm 5$  electrical degrees. Under normal conditions the equipment can carry 120 kA for 0.3 seconds and in emergency for one second. The circuit-closer consists of three independent poles each enclosed in its own tank under an air pressure of 6 atm. All mechanical moving parts are within the tank, avoiding the need for special seals. A cross-sectional drawing of one pole of the equipment is given in Fig 1 and the mechanical construction is described.

Card 1/3

SOV/110-59-5-5/25

**A Circuit-Closer for a High-Power Laboratory**

Most of the variation in operating time of previous circuit-closers occurred because the trigger was tripped by an ordinary electro magnetic coil. In the new equipment the operating coil is energised by the discharge through it of a capacitor of 12 microfarads charged to 7 kV. When the current passes through the operating coil, current is induced in an aluminium disc resting on it; the disc is rapidly accelerated and strikes the trigger. The disc strikes the trigger with a kinetic energy about twenty times that required to trip the trigger. Thus, the tripping time does not depend on frictional forces but only on the voltage to which the capacitor was charged. The trigger tripping time is  $2.3 \times 10^{-3}$  sec and the total operating time from the commencement of capacitor discharge until the main contacts touch is 0.029 sec. Pneumatic drive is provided to re-open the main contacts and to compress the springs. The construction of the pneumatic mechanism is described. The functions of the various auxiliary contacts and interlocks is explained; provision is provided against operation if the air pressure in the circuit-closer is too

Card 2/3

SOV/110 59-5-5/25

A Circuit-Closer for a High-Power Laboratory

low. A photograph of the complete equipment for one pole is reproduced in Fig. 3. The unit weighs about 1.5 tons. The control circuit diagram is given in Fig. 3; all the machinery except the part shown dotted is contained in the control panel. The operation of the control circuit is explained. The electrical interlocking and signalling arrangements are described. A prototype of one pole of the circuit-breaker was tested as follows: 3000 operations of circuit-closing and opening with measurement of the closing time; high-voltage insulation tests at 42 kV rms and 50 /s; dynamic and thermal stability and also circuit-making capacity. The tests showed that the equipment is mechanically reliable; the contact system operates satisfactorily with the rated current and the variations in operating time are within the required limits. One pole is now in experimental use. There are 3 figures.

SUBMITTED: 13th November 1958

Card 3/3

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001549120015-3

ZAKHAROV, S.N., kand.tekhn.nauk; KAPLAN, V.V., inzh.; IONOV, V.V., inzh.;  
OSIPOVA, T.V., inzh.; SHERMAN, Ya.N., inzh.; SHESHIN, B.A., inzh.

New MG-10 and MG-20 generator switches. Vest. elektroprom. 32 no.3:  
71-76 Mr '61. (MIRA 15:6)  
(Electric switchgear)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001549120015-3"

L 53738-65 EPF(c)/EWT(m) Pr-4 RM  
ACCESSION NR: AP5015488

UR/0286/65/000/008/0022/0022  
547.563.1:66.095.254 B

AUTHOR: Makarova, T. F.; Moshkov, P. F.; Sheskin, M. A.; Vol'Eshteyn, A. V.;  
Yulin, M. K.

TITLE: A method for the preparation of p-tert-butylphenol. Class 12, No. 170065

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 8, 1965, 22

TOPIC TAGS: tert butylphenol synthesis, sulfonated compound, sulfo derivative catalyst

ABSTRACT: The preparation of p-tert-butylphenol involves the dealkylation of di- and tri-tert-butylphenols, in the presence of an acid catalyst. To achieve selective conversion and increased yields of the main product, the process is conducted at a residual pressure of 150—200 mm Hg, and 140—150°C, in the presence of sulfonated organic compounds (e.g., sulfo derivatives of phenol and isobutylsulfuric acid [sic]). [EW]

ASSOCIATION: none

Card 1/2

L 53738-65

ACCESSION NR: AP5015488

SUBMITTED: 17Jul63

ENCL: 00

SUB CODE: OC, GC

NO REF SOV: 000

OTHER: 000

ATT PRESS: 4019

*mb*  
Card 2/2

SHESHIN, P.

USSR/Electronics - Rectifiers

Card 1/1 : Pub. 89 - 12/29

Authors : Sheshin, P.

Title : Rectifier for the IL-10 (~~MJ~~-10) type tube-tester

Periodical : Radio 7, page 20, July 1954

Abstract : A rectifier, designed for application with the IL-10 type tube-tester, is described, and special instructions for its operation are given. Diagram; table.

Institution : ...

Submitted : ...

SHESHIN, R. (RA3VGR), master radiolyubitel'skogo sporta (g.Ivanovo)

Radio transmitter operating on 420 mc. Radio no.7:21 J1 '61.  
(MIRA 14:10)  
(Radio, Shortwave--Transmitters and transmission)

RABINOVICH, R.M., SHESHINA, G.A.

Case of posterior paramediastinal pleurisy simulating mediastinal tumor. Sov.med. 22 no.11:146-147 N '58 (MIRA 11:11)

1. Iz TSentral'nogo nauchno-issledovatel'skogo rentgeno-radiologicheskogo instituta Ministerstva zdravookhraneniya SSSR (dir. prof. M.N. Pobedinskiy)  
(PLEURISY, differ. diag.  
posterior paramediastinal, from mediastinal tumors (Rus))  
(MEDIASTINUM, neoplasms.  
differ. diag. from posterior paramediastinal pleurisy (Rus))

SHESHINA, G.A.

Radiotherapy of endarteritis obliterans. Vest. rent. i rad. 33 no.6:  
42-46 N-0 '58. (MIRA 12:1)

1. Iz terapevticheskogo otdeleniya (zav. - doktor med. nauk L.R.  
Protas) Tsentral'nogo nauchno-issledovatel'skogo rentgeno-radiolog-  
cheskogo instituta (dir. - prof. M.N. Pobedinskiy).

(THROMBOANGIITIS OBLITERANS, ther.

x-ray ther. (Rus))

(RADIOTHERAPY, in various dis.

x-ray in thromboangiitis obliterans (Rus))

KACHUR, L.A.; MANOYLOV, S.Ye.; POBEDINSKIY, M.N.; PROTAS, L.R.; FEOKTISTOV, V.I.;  
SHESHINA, G.A.

Relation of age to urinary excretion of radioactive potassium in  
humans. Med. rad. 4 no.3:42-43 Mr '59. (MIRA 12:7)  
(POTASSIUM, radioactive,  
in urine, age factor (Rus))  
(AGING, effects,  
on urinary radiopotassium (Rus))

PROTAS, L.R., doktor med.nauk, starshiy nauchnyy sotrudnik (Leningrad,  
Kirovskiy pr., d.54/31, kv.2); SHESHINA, G.A., kand.med.nauk,  
mladshiy nauchnyy sotrudnik.

Telegamma therapy of generalized lymphogranulomatosis. Vest.  
rent. i rad. 34 no.3:33-40 My-Je '59. (MIRA 12:10)

1. Iz terapeuticheskogo otdeleniya TSentral'nogo nauchno-  
issledovatel'skogo rentgeno-radiologicheskogo instituta  
Ministerstva zdravookhraneniya SSSR (dir. - prof. M.N.Pobedin-  
skiy).

(HODOKIN'S DISEASE, ther.

radiocobalt with telegamma appar. (Rus))

(COBALT, radioactive ther. of

Hodgkin's dis., with telegamma appar. (Rus))

DANILIN, A.A.; LUKASH, N.I.; SEREBRYANIKOV, V.D.; SHESHINA, G.A.

Results of a dynamic investigation of the peripheral blood in  
subjects working under the influence of small doses of ionizing  
radiations. Med. rad. 5 no.4:7-14 Ap '60. (MIRA 13:12)  
(BLOOD) (RADIATION-PHYSIOLOGICAL EFFECT)

DANILIN, A.A.; LUKASH, N.I.; MALINOVSKAYA, T.Ya.; SKVIRSKAYA, K.B.;  
SEREBRYANNIKOV, V.D.; SHESHINA, G.A.

Condition of the nervous system in subjects working with radioactive substances. Med.rad. 5 no.5:37-43 '60. (MIRA 13:12)  
(NERVOUS SYSTEM) (RADIOACTIVITY—PHYSIOLOGICAL EFFECT)

MOZHAROVA, Ye.N.; BELOGUZ, Z.P.; VASIL'YEVA, Ye.I.; KOZYRKINA, Z.N.;  
KUCHEROVA, I.L.; CHIRSKY, N.G.; SHESHINA, G.A.

Radiation therapy of nontumorous diseases and prospects for  
its evolution. Med. rad. 7 no.9:12-16 S '62. (MIRA 17:8)

I. Iz radioterapevcheskogo otdeleniya (zav. Ye.N. Mozharova)  
TSentral'nogo nauchno-issledovatel'skogo instituta meditsinskoy  
radiologii Ministerstva zdravookhraneniya SSSR.

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001549120015-3

RECORDED IN THE CLOUDS AND ON THE GROUND

BY THE USE OF RADAR AND OTHER INSTRUMENTS AND AIRBORNE  
RECONNAISSANCE EQUIPMENT. THE PICTURE IS NOT CLEAR AS TO THE  
EXACT LOCATION OF THE CLOUDS.

THE PICTURE SHOWS A GROUP OF CLOUDS WHICH ARE LOCATED  
ABOUT 100 MILES WEST OF THE TROPICAL CYCLONE. THE CLOUDS  
ARE LOCATED IN A LINE WHICH IS APPROXIMATELY 100 MILES LONG.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001549120015-3"

RADCHENKO, O.A.; SHESHINA, L.S.

Geochemistry of petroleum porphyrins. Trudy VMIGRI no.83:274-  
331 '55.  
(Porphyrin and porphyrin compounds) (Petroleum--Analysis)

Shestina, L.S.

VOigin of porphyrins in petroleum. O. A. Radchenko  
and L. S. Shestina. Dzhidz Akad. Nauk S.S.R. 103,  
1235-5 (1955). EXAMIN. of numerous samples of petroleum

showed that samples contg. <0.7% S are either devoid of or very low in porphyrin (I) content while the I content of high-S samples is 100-1000 times greater. In the high-S petroleum I is predominantly (90%) in the form of V complexes, while in samples of low S content I occurs in Ni complexes. The concn. of the complexes is approx. the same for both types (1-2 mg./100 g.). The I-V complexes are assoc. with the asphalt portion of bitumens, while the Ni complexes are in the oil fraction. On this basis it is suggested that the asphalt is the form in which petroleum occurred originally and that the initial accumulation consisted of heavy, high-S, and V substances rich in I, apparently derived from the microflora in the ground, especially S bacteria.

G. M. Kozolupoff

4E3d

J

RADCHENKO, O.A. ; SHESHINA, L.S.

Primary type of oil in the period of oil field formation. Dokl. AN SSSR  
109 no.3:614-616 J1 '56. (MIRA 9:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologo-razvedochnyy institut.  
Predstavleno akademikom D.V. Nalivkinym.  
(Petroleum geology)

NIKOLAYEV, A.A., aspirant; SHESHINA, V.A., aspirant

Polyp of the main bronchus in tuberculous bronchadenitis. Probl.  
tub. no.3:68-70 My-Je '55. (MLRA 8:8)

1. Iz kafedry patologicheskoy anatomii (zav.-prof. D.D.Lokhov) i  
tuberkuleznoy kliniki (zav.Dotsent O.S.Malysheva) Leningradskogo  
pediatriceskogo meditsinskogo instituta (dir.-prof.N.T.Shutova).  
(POLYPI,

bronchus.main, in tuberc.bronchadenitis,diag.& surg.)

(TUBERCULOSIS, LYMPH NODE,

bronchial, with polyp of main bronchus, diag.& surg.)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001549120015-3

Guadalajara, Mexico, December 1967. The following information is from  
the files of the Mexican Foreign Intelligence Service (SIS) dated December 21, 1967.  
It was obtained through diplomatic channels by the Mexican Foreign Ministry (SRE, DIP, DIA)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001549120015-3"

SHESHINA, V.A.

Blood protein fractions in tuberculosis in children. [with summary  
in English]. Pediatriia 36 no.10:26-32 0 '58 (MIRA 11:11)

1. Iz kafedry biologicheskoy khimii (zav. - prof. I.I. Ivanov)  
i kliniki detskogo tuberkuleza (zav. V.M. Frolova) Leningradskogo  
meditsinskogo instituta (dir. - prof. N.T. Shutova).

(TUBERCULOSIS, in inf. & child.  
blood proteins determ. (Rus))  
(BLOOD PROTEINS, in various dis.  
tuberc. in child. (Rus))

TSEYTLIN, Z.D.; GURILEV, A.M.; NOSOV, N.I.; SHESHKAUSKAS, K.K.; SHUKHMAN, D.I.

Technical and economic indices of the operation of individual peat works during 1957. Torf. prom. 35 no. 4:1-6 '58. (MIRA 11:7)

1. Glavnnyy inzhener Berendayevskogo predpriyatiya Yaroslavskogo sovnarkhoza (for Tseytlin). 2. Glavnnyy inzhener Sitnikovskogo torfopredpriyatiya Gor'kovskogo sovnarkhoza (for Gurilev). 3. Glavnnyy inzhener Oktyabr'skogo torfopredpriyatiya Ivanovskogo torfotresta (for Nosov). 4. Nachal'nik proizvodstvennogo otdela Torfopredpriyatiya Belya Bala Litovskogo sovnarkhoza (for Sheshkauskas). 5. Glavnnyy inzhener Belorusskogo torfotresta No. 1 (for Shukhman).  
(Peat industry)

RASSNICHIEPLYAYEV, Yu. (Rostov-na-Donu); SHESHKO, M. (Gomel'skaya obl.);  
OVCHAROV, Ye. (Vinitsa); SAMTSOVICH, Ye. (VALIZ) (Rostov-na-  
Donu); ANTONOV, V. (Moskva); BUTOV, P.

Exchange of experiences. Radio no.9:48,51,53,...62 S '63.  
(MIRA 16:12)

... 18T55

PA 18T55

USSR/Mines and Mining - Equipment  
Mineral Industries

Jul 1947

"Recent Undertakings in Open Mining of Lodes,"  
E. F. Sheshko, 3 pp

"Gornyy Zhurnal" Vol CXXI, No 7

In last 15 years there has been much technological advance in the field of open-pit mining. In Russia the greatest advance took place during the World War and the last Five-Year Plan. The system of mining has been found very advantageous and must be fully exploited during the new Five-Year Plan.

18T55

SEARCHED, SERIALIZED

PA MMAC

~~U.S.S.R./Engineering~~  
Ore Deposits  
Mines and Mining

Nov 1947

"Pit Mining of Deposits," Prof E. F. Sheashko, 8 $\frac{1}{2}$  pp

"Gornyy Zhurnal" No 11

Well-illustrated article discussing open pit mining methods used at Magnitogorsk, Lopatinsk, Korkinsk and other ore deposits. Discusses such matters as laying tracks and best methods of making cuts. Author states that because of the various conditions of the ore found in these open pits it is difficult to establish a standard for judging the output of these workings and recommends that more research be done to determine a criterion for output.

24T40

WILSON, W.C.

Wilson, W.C., "The Idea of Justice in Discursive and Systemic Open Working  
of Discrepancy," in the collection, title : *Verbal Persuasion*, 1949. . 2-52.

S.: 1949, 12 Feb. 17, (Lecto in Journal 'With Student', No. 4, 1949).

SHESHIKO, Ye.F., otvetstvennyy redaktor; SOLOVEYCHIK, A.A., tekhnicheskiy redaktor.

[Transporter and hauling bridges and their utilization] Transportno-otvel'nye mosty i ikh primenenie. Moskva, Ugletekhizdat, 1948. 46 p.  
[Microfilm] (MLRA 7:11)

1. Russia (1923- U.S.S.R.) Ministerstvo ugol'noy promyshlennosti vostochnykh rayonov. Byuro tekhnicheskoy informatsii.  
(Transporter-bridges)

SHESHKO, YE. F. Prof

FA 51T74

USSR/Mines and Mining  
Mining Methods  
Ore Deposits

Feb 1948

"Stripping of Deposits for Open Pit Mining," Prof Ye.  
F. Sheshko, Moscow Mining Inst imeni I. V. Stalin,  
13 pp

"Gornyy Zhurnal" No 2

Principle intent in stripping deposits is to facilitate transportation of the ore. Sheshko discusses some five basic methods used most frequently for the stripping operation on deposits: Internal trenching, method where no transport is used, underground workings, external trenches, and combined method. Tabulates factors that might cause one method to be chosen over another. LC

51T79

SHESHKO, E.F.

2:00 Sheshko, E.F. Opredeleniye Moshchnosti Robochego Partii Z'iskavatorov.  
Gorniy Zhurnal, 1949, No.1 S. 27-30

3: Dobycha Rulin'ch Ispravemykh

So: Letopis' No. 33 , 1949

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001549120015-3

3843. PRINCIPLES OF PLANNING OF OPENCAST COAL MINES. (OSNOVY PROEKTIROVANIYA UGOL'NIKH KAR'EROV). Shestko, E. F. (Moscow, Leningrad: 1950, 222pp.; title in Recent Acquisitions, Brit. Museum).

immediate source clipping

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001549120015-3"

de Minerat S...

SHEVTSKO, Ye. F.

"Boring and Systems of Open-Pit Mining of Mineral Deposits." Sub 1 Jun 51, Inst  
of Mining, Acad Sci USSR.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55.

SHESHKO, Ye F.

Spravochnik Po Stroitel'stvu Ugol'nykh Kar'yerov (Reference Book on The construction  
of Strip Coal Mines) Moskva Ugletekhnizdat, 1952.

1050 P. Illus., Diagrams, Maps, Tables.

"Literatura": P. 1000-(1006)

At Head of Title: Kiev. Vsesoyuznyy Gosudarstvyy Institut Proyektirovaniya  
Organizatsii Promyshlennogo i Zhilishchchnogo Stroitel'stva.

SO: N/5

735.1

.S55

Sveshnik, Ye. P.

Mining Engineering

Extending the front in strip mining. Gor.zhur. no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, April 1952. Unclassified.

1. SHESHKO, YE. P.
2. USSR (600)
4. Strip Mining
7. Technological cycle of loading and transportation operations in strip mines, Ugol', 28, No. 1, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

ANDREYEV, A.B.; ANTONOV, A.I.; ARAPOV, P.P.; BARMASH, A.I., BEDNYAKOVA, A.B.; BENIN, G.S.; BERESNEVICH, V.V.; BERNSHTEYN, S.A.; BITYUTSKOV, V.I.; BLYUMENBERG, V.V.; BONCH-BEUYEVICH, M.D.; BORMOTOV, A.D.; BULGAKOV, N.I.; VEKSLER, B.A.; GAVRILENKO, I.V.; GENDLER, Ye.S., [deceased]; GERLIVANOV, N.A., [deceased]; GIBSHMAN, Ye.Ye.; GOLDOVSKIY, Ye.M.; GOVBUNOV, P.P.; GORYALNOV, F.A.; GRINBERG, B.G.; GRYUNER, V.S.; DANOVSKIY, N.F.; DZEVUL'SKIY, V.M., [deceased]; DREMAYLO, P.G.; DYBETS, S.G.; D'YACHENKO, P.F.; DYURNBAUM, N.S., [deceased]; YEGORCHENKO, B.F. [deceased]; YEL'YASHKEVICH, S.A.; ZHEREROV, L.P.; ZAVEL'SKIY, A.S.; ZAVEL'SKIY, F.S.; IVANOVSKIY, S.R.; ITKIN, I.M.; KAZHDAN, A.Ya.; KAZHINSKIY, B.B.; KAPLINSKIY, S.V.; KASATKIN, F.S.; KATSUROV, I.N.; KITAYGORODSKIY, I.I.; KOLESNIKOV, I.F.; KOLOSOV, V.A.; KOMAROV, N.S.; KOTOV, B.I.; LINDE, V.V.; LEBEDEV, H.V.; LEVITSKIY, N.I.; LOKSHIN, Ya.Yu.; LUTTSAU, V.K.; MANNERBERGER, A.A.; MIKHAYLOV, V.A.; MIKHAYLOV, N.M.; MURAV'YEV, I.M.; NYDEL'MAN, G.E.; PAVLYSHKOV, L.S.; POLUYANOV, V.A.; POLYAKOV, Ye.S.; POPOV, V.V.; POPOV, N.I.; RAKHLIN, I.Ye.; RZHEVSKIY, V.V.; ROZENBERG, G.V.; ROZENTRETER, B.A.; BOKOTYAN, Ye.S.; BUKAVISHNIKOV, V.I.; BUTOVSKIY, B.N. [deceased]; HYVKIN, P.M.; SMIRNOV, A.P.; STEPANOV, G.Yu.; STEPANOV, Yu.A.; TARASOV, L.Ya.; TOKAREV, L.I.; USPASSKIY, P.P.; FEDOROV, A.V.; FERE, N.E.; FRENKEL', N.Z.; KHEYFETS, S.Ya.; KHLOPIN, M.I.; KHODOT, V.V.; SHAMSHUR, V.I.; SHAPIRO, A.Ye.; SHATSOV, N.I.; SHISHKINA, N.N.; SHOR, E.R.; SHPICHENETSKIY, Ye.S.; SHPRINK, B.E.; SHTERLING, S.Z.; SHUTTYY, L.R.; SHUKHGAN'TER, L. Ya.; SHVAVIS, A.V.;

(Continued on next card)

ANDREYEV, A.B. (continued) .... Card 2.

YAKOVLEV, A.V.; ANDREYEV, Ye.S., retsenzent, redaktor; BERKENGEM, B.M., retsenzent, redaktor; BERMAN, L.D., retsenzent, redaktor; BOLTINSKIY, V.N., retsenzent, redaktor; BONCH-BRUYEVICH, V.L., retsenzent, redaktor; VELLER, M.A., retsenzent, redaktor; VINOGRADOV, A.V., retsenzent, redaktor; GUDTSOV, N.T., retsenzent, redaktor; DEGTYAREV, I.L., retsenzent, redaktor; DEM'YANYUK, F.S., retsenzent, redaktor; DOBROSMYSLOV, I.N., retsenzent, redaktor; YELANCHIK, G.M., retsenzent, redaktor; ZHEMOCHKIN, D.N., retsenzent, redaktor; SHURAVCHENKO, A.N., retsenzent, redaktor; ZLODEYEV, G.A., retsenzent, redaktor; KAPLUNOV, R.P., retsenzent, redaktor; KUSAKOV, M.M., retsenzent, redaktor; LEVINSON, L.Ye., [deceased] retsenzent, redaktor; VALOV, N.N., retsenzent, redaktor; MARKUS, V.A., retsenzent, redaktor; METELITSYN, I.I., retsenzent, redaktor; MIKHAYLOV, S.M., retsenzent, redaktor; OLIVETSKIY, B.A., retsenzent, redaktor; PAVLOV, B.A., retsenzent, redaktor; PANYUKOV, N.P., retsenzent, redaktor; PLAKSIN, I.N., retsenzent, redaktor; RAKOV, K.A., retsenzent, redaktor; RZHAVINSKIY, V.V., retsenzent, redaktor; RINBERG, A.M., retsenzent, redaktor; ROGOVIN, N. Ye., retsenzent, redaktor; HUDEJKO, K.G., retsenzent, redaktor; RUTOVSKIY, B.N., [deceased] retsenzent, redaktor; RYZHOV, P.A., retsenzent, redaktor; SANDOMIRSKIY, V.B., retsenzent, redaktor; SKRAMTAYEV, B.G., retsenzent, redaktor; SOKOV, V.S., retsenzent, redaktor; SOKOLOV, N.S., retsenzent, redaktor; SPIVAKOVSKIY, A.O., retsenzent, redaktor; STRAMENTOV, A.Ye., retsenzent, redaktor; STRELTSKIY, N.S., retsenzent, redaktor;

(Continued on next card)

ANDREYEV, A.V., (continued) . . . Card 3.

TRET'YAKOV, A.P., retsenzent, redaktor; FAYERMAN, Ye.M., retsenzent, redaktor; KHACHATYROV, T.S., retsenzent, redaktor; CHERNOV, H.V., retsenzent, redaktor; SHERGIN, A.P., retsenzent, redaktor; SHESTOPAL, V.M., retsenzent, redaktor; SHESHKO, Ye.F., retsenzent, redaktor; SHCHAPOV, N.M., retsenzent, redaktor; YAKOBSON, M.O., retsenzent, redaktor; STEPANOV, Yu.A., Professor, redaktor; DEM'YANYUK, F.S., professor, redaktor; ZNAMENSKIY, A.A., inzhener, redaktor; PLAKSIN, I.N., redaktor; RUTOVSKIY, B.N. [deceased] doktor khimicheskikh nauk, professor, redaktor; SHUKHGALETTER, L.Ya., kandidat tekhnicheskikh nauk, dotsent, redaktor; BRESTINA, B.S., redaktor; ZNAMENSKIY, A.A., redaktor.

(Continued on next card)

ANDRETEV, A. V. (continued) .... Card 4.

[Concise polytechnical dictionary] Kratkii politekhnicheskii slovar'. Redaktsionnyi sovet; IU. A. Stepanov i dr. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1955. 1136 p. (MLRA 8:12)

1. Chlen-korrespondent AN SSSR (for Plaksin)  
(Technology--Dictionaries)

SHESHKO, Ye.F.

"Computation methods in designing overall mechanized open pits."  
A.S.Fidelev. Reviewed by E.F.Sheeshko. Gor.zhur. no.11:64 N '55.  
(Mining engineering) (Fidelev, A.S.) (MLRA 9:1)

RZHEVSKIY, Vladimir Vasil'yevich, doktor tekhnicheskikh nauk; SHESHKO, Ye.P., professor, doktor tekhnicheskikh nauk, retsenzent, redaktor; GORODETSKIY, P.I., professor, doktor tekhnicheskikh nauk, retsenzent; SHUSTOVA, V.M., redaktor izdatel'stva; ATTOPOVICH, M.X., tekhnicheskiy redaktor

[Planning contours in strip mining] Proektirovanie konturov kar'erov. Pod red. E.F.Sheshko. Moskva, Gos. nauchno-tekhnik. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1956. 230 p. (MLRA 10:1)  
(Strip mining)

AGAPOV, D.S.; ARTIBILOV, B.M.; VIKTOROV, A.M.; GINTS, A.N.; GOR'KOV, A.V.;  
GUSYATINSKIY, M.A.; KARPOV, A.S.; KOLOT, I.I.; KOMAREVSKIY, V.T.;  
KORYAGIN, A.I.; KRIVSKIY, M.N.; KRAYNOV, A.G.; NESTEROVA, I.N.;  
OBES, I.S., kandidat tekhnicheskikh nauk; SOSNOVIKOV, K.S.; SUKHOT-  
SKIY, S.F.; CHLENOV, G.O.; YUSOV, S.K.; ZHUK, S.Ya., akademik, glavnnyy  
redaktor; KOSTROV, I.N., redaktor; BARONENKOV, A.V., professor,  
doktor tekhnicheskikh nauk, redaktor; KIRZHNER, D.M., professor,  
doktor tekhnicheskikh nauk, redaktor; SHESHKO, Ye. E., professor, doktor  
tekhnicheskikh nauk, redaktor; AVERIN, N.D., inzhener, redaktor  
[deceased]; GOR'KOV, A.V., inzhener, redaktor; KOMAREVSKIY, V.T.,  
inzhener, redaktor; ROGOVSKIY, L.V., inzhener, redaktor; SHAPOVALOV,  
T.I., inzhener, redaktor; RUSSO, G.A., kandidat tekhnicheskikh nauk,  
redaktor; FILIMONOV, N.A., inzhener, redaktor; VOLKOV, L.N., inzhener,  
redaktor; GRISHIN, M.M., professor, doktor tekhnicheskikh nauk, redak-  
tor; ZHURIN, V.D., professor, doktor tekhnicheskikh nauk, redaktor;  
LIKACHEV, V.P., inzhener, redaktor; MEDVEDEV, V.M., kandidat tekhnici-  
cheskikh nauk, redaktor; MIKHAYLOV, A.V., kandidat tekhnicheskikh nauk,  
redaktor; PETROV, G.D., inzhener, redaktor; RAZIN, N.V., redaktor;  
SOBOLEV, V.P., inzhener, redaktor; FERINGER, B.P., inzhener, redaktor;  
TSYPLAKOV, V.D., inzhener, redaktor; ISAYEV, N.V., redaktor; TISTROVA,  
O.N., redaktor; SKVORTSOV, I.M., tekhnicheskiy redaktor

[The Volga-Don Canal; technical report on the construction of the  
Volga-Don Canal, the TSimlyanskaya hydro development and irrigation  
works (1949-1952); in five volumes] Volgo-Don; tekhnicheskii otchet  
(continued on next card)

AGAPOV, D.S. --- (continued) Card 2.

o stroitel'stve Volgo-Donskogo sudokhodnogo kanala imeni V.I.Lenina.  
TSimlianskogo gidrouzla i orositel'nykh sooruzhenii (1949-1952) v  
piati tomakh. Glav.red. S.IA. Zhuk. Moskva, Gos.energ. izd-vo.  
Vol.5. [Quarry management] Kar'ernoe khoziaistvo. Red.toma I.N.  
Kostrov. 1956. 172 p. (MLRA 10:4)

1. Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Byuro  
tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. 2. Deystvitel'nyy  
cheln "kademii stroitel'stva, i arkhitekturny SSSR (for Razin)  
(Quarries and quarrying)

TERPIOREVA, Vera Dmitriyevna; ZAVARITSKAYA, Marianna Aleksandrovna;  
SHESHKO, Ye.P., otvetstvennyy redaktor; AIADOVA, Ye.I., tekhnicheskiy redaktor

[Open-cut coal mining. Manual for translating English mining literature  
into Russian] Dobycha uglia otkrytym sposobom; uchebnoe posobie po  
perevodu s angliiskogo na russkii iazyk gorno-tekhnicheskoy literatury.  
Moskva, Ugletekhizdat. Vol. 4. 1956. 197 p. (MLRA 9:12)  
(English language--Translating)  
(Coal mines and mining--Terminology)

SHESHKO, Yevgeniy Komich, professor, doktor tekhnicheskikh nauk; RUMYANTSEV, K.I.Y.,  
V.V., otvetstvennyy redaktor; OKHREMENKO, V.A., redaktor izdatel'-  
stva; ALADOVA, Ye.I., tekhnicheskiy redaktor

[Mining mineral deposits by the open-pit method] Otkrytaia razrabot-  
ka mestorozhdenii poleznykh iskopаемых. Izd. 3-e, perer. Moskva,  
Ugletekhnizdat, 1957. 495 p.  
(Mining engineering)

TYMOVSKIY, Leonid Georgiyevich; MEL'NIKOV, N.V., professor, retsenzent; YERSHOV, A.S.  
retsenzent; GRAUDIN, E.K., retsenzent; SHESHKO, Ye. I., professor,  
doktor tekhnicheskikh nauk, redaktor; YEZDOKOVA, M.L., redaktor  
izdatel'stva; EVERSON, I.M., tekhnicheskiy redaktor

[Bline winzes in deep pits] Tupikovye s"ezdy v glubokikh kar'erasakh.  
Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi  
metallurgii, 1957. 79 p.  
(MIRA 10:7)

1. Chlen-korrespondent Akademii nauk SSSR (for Mel'nikov). 2.  
Nachal'nik otdela transporta i genplanov Instituta Giproruda (for  
Yershov). 3. Glavnnyy tekhnolog gornogo otdela Instituta  
Giproruda (for Graudin)  
(Strip mining)

SIMKIN, Boris Aleksandrovich, kand. tekhn. nauk.; SHESHKO, Ye.F., doktor tekhn. nauk, prof., red.; VINITSKIY, K.Ye., otd. red.; ZHUKOV, V.V., red. izd-va.; KOROVENKOVA, Z.A., tekhn. red.; SHKLYAR, S.Ya., tekhn. red.

[Collection of examples and problems in open pit mining] Sbornik primerov i zadach po otkrytym gornym rabotam. Moskva, Ugletekhizdat, 1958. 179 p.

(Strip mining)

SHESHKO, Yevgeniy Fomich, RZHEVSKIY, Vladimir Vasil'yevich.; KHOKHRYAKOV,  
V.S., red.; ZHUKOV, V.V., red. izd.vva.; PROZOROVSKAYA, V.L., tekhn. red.;  
ALADOVA, Ye.I., tekhn. red.

[Principles of planning open-cut mines] Osnovy proektirovaniia  
kar'erov. Moskva, Ugletekhizdat, 1958. 335 p. (MIRA 11:11)  
(Strip mining)

ALATORTSEV, S.A., prof., doktor tekhn.nauk; ANDREYEV, A.V., kand.tekhn.  
nauk; ANCHAROV, I.L., inzh.; BALINSKIY, S.I., inzh.; BELOUSOV,  
V.G., inzh.; VINNITSKIY, K.Ye., kand.tekhn.nauk; VLASOV, V.M.,  
inzh.; VORONTSOV, N.P., kand.tekhn.nauk; GIPSMAN, M.K., inzh.;  
GLUZMAN, I.S., kand.tekhn.nauk; GUR'YEV, S.V., kand.tekhn.nauk  
[deceased]; DEMIN, A.M., kand.tekhn.nauk; YEGURNOV, G.P., kand.  
tekhn.nauk; YEFIMOV, I.P., inzh.; ZHUKOV, L.I., kand.tekhn.  
nauk; ZEL'TSER, N.M., inzh.; KOSACHEV, M.N., kand.tekhn.nauk;  
KOTOV, A.F., inzh.; KUDINOV, G.P., inzh.; LAPOVENKO, N.A., kand.  
tekhn.nauk; MAZUROK, S.F., inzh.; MED'NIKOV, N.V.; MUDRIK, N.G.,  
inzh.; NIKONOV, G.P., kand.tekhn.nauk; ORLOV, Ye.I., inzh.;  
POTAPOV, M.G., kand.tekhn.nauk; PRISEDSKIY, G.V., inzh.;  
RZHEVSKIY, V.V., prof., doktor tekhn.nauk; RYAKHIN, V.A., kand.  
tekhn.nauk; SIMKIN, B.A., kand.tekhn.nauk; SITNIKOV, I.Ye., inzh.;  
SOROKIN, V.I., inzh.; STASYUK, V.N., kand.tekhn.nauk; STAKHEVICH,  
Ye.B., inzh.; SUSHCHENKO, A.A., inzh.; TYUTIN, I.F., inzh.;  
TYMOVSKIY, L.G., inzh.; FISENKO, G.L., kand.tekhn.nauk; FURMANOV,  
B.M., inzh.; SHATAYEV, M.G., inzh.; SHESHKO, Ye.F., prof., doktor  
tekhn.nauk; TERPIGOREV, A.M., glavnyy red. [deceased];

(Continued on next card)

ALATORTSEV, S.A.---(continued) Card 2.

KIT, I.K., zamestitel' glavnogo red.; SHESHKO, Ye.F., zamestitel'  
otv.red.; BUGOSLIVSKIY, Yu.K., red.; BYKHOVSKAYA, S.N., red.;  
DIONIS'YEV, A.I., kand.tekhn.nauk, red.; KOZIN, Yu.V., red.;  
SOKOLOVSKIY, M.M., red.; YASTREBOV, A.I.. red.; DEMIDYUK, G.P.,  
kand.tekhn.nauk, red.; KRIVSKIY, M.N., kand.tekhn.nauk, red.;  
LYUBIMOV, B.N., inzh., red.; MOLOKANOV, P.L., inzh., red.; REISH,  
A.K., inzh., red.; RODIONOV, L.Ye., kand.tekhn.nauk, red.; SLA-  
VUTSKIY, S.O., inzh., red.; TRAKHMAN, A.I., inzh., red.; TRYMOV-  
SKIY, L.G., inzh., red.; FIDELEV, A.S., doktor tekhn.nauk, red.;  
SHUKHOV, A.N., kand.tekhn.nauk, red.; TER-IZRAEL'YAN, T.G., red.  
izd-va; PROZOROVSKAYA, V.L., tekhn.red.; KONDRAT'YEVA, M.A.,  
tekhn.red.

(Continued on next card)

ALATORTSEV, S.A.---(continued) Card 3.

[Mining; an encyclopedic dictionary] Gornoe delo; entsiklopedicheskii spravochnik. Glav.red.A.M.Terpigorev. Chleny glav. red.A.I.Baranov i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu. Vol.10. [Mining coal deposits by the open-cut method] Razrabotka ugol'nykh mestorozhdenii otkrytym sposobom. Redkollegiia toma; N.V.Mel'nikov i dr. 1960. 625 p.

(MIRA 13:2)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).  
(Coal mines and mining) (Strip mining)

SHPYOLICHKA, A. Ya.

Gravimetric determination of large amounts of niobium and  
tungsten when present together. Zhur. anal. khim. 20 no. 11:  
1250-1251 '65 (MIA 19:1)

i. Institut metallurgii imeni A.A. Baykova, Maskva. Submitted  
December 8, 1964.

USSR/Chemical Technology -- Chemical Products and Their Application. Silicates.  
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1635

Author: Glagolev, A. A., and Sheshmintsev, A. N.

Institution: Academy of Sciences, Kazakh SSR

Title: Biceramic Mullite-Fireclay Refractory Bricks for Suspended Roofs

Original  
Periodical: Izv. AN Kaz. SSR, Section on Mining, Metallurgy and Beneficiation  
and Construction Materials, 1956, No 8, 114-118 (summary in Kazakh)

Abstract: Experience in the production of biceramic refractory bricks in which  
the working part (over 40% of the length) consists of a mixture of  
scrap mullite and high-grade refractory clay and the remainder con-  
sists of cheaper fireclay (grog), is described. Both materials have  
approximately the same coefficient of thermal expansion. The follow-  
ing method was used to form the brick: a mold is separated into 2  
portions by means of a partition, one end being filled with mullite  
mass and the other end with grog. The partition is removed and the

Card 1/2

SHESHMINTSEV, A. N.

SHESHMINTSEV, A. N.: "Refractories of andalusite flotation concentrates and their interaction with basic slags." Acad Sci Kazakh SSR. Inst of Metallurgy and Ore Dressing. Alma-Ata, 1956. (Dissertation for the Degree of Candidate in Technical Sciences)

Knizhnaya letopis', No 39, 1956, Moscow.

SHESHMINTSEV, A.N.

Reaction of andalusite refractories with basic slags. Trudy Inst.  
stroi. i stroimat. AN Kazakh SSR 1:131-139 '58. (MIRA 11:6)  
(Refractory materials) (Slag)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001549120015-3

GLAGOLEV, A.A.; SHESHMINTSEV, A.N.

Characteristics of andalusite mullitization. Vest. AN Kazakh. SSR  
14 no.7:105-107 Jl '58. (MIRA 11:9)  
(ANDALUSITE) (MULLITE)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001549120015-3"

SOV/137-57-10-18631

Translation from Referativnyy zhurnal, Metallurgiya, 1957, Nr 10, p 23 (USSR)

AUTHORS: Glagolev, A. A.; Sheshmintsev, A. P.

TITLE: Composite Mullite-fireclay Refractory Brick for Suspended  
Roofs (Bikeramicheskiy mulitto-shamotnyy ogneupornyy kirkich  
dlya podvesnykh svodov)

PERIODICAL: 'zv. AN KazSSR Ser. gorn. dela, metallurgii i obogashcheniya,  
stroymaterialov, 1956, Nr 8, pp 114-118

ABSTRACT: A description is given of experiences in the preparation of a composite refractory brick, the working portion of which consists for 40% of its length of a mixture of mullite bar scrap and refractory clay and the rest of a cheaper refractory (firebrick). The two materials have similar coefficients of thermal expansion. The brick-shaping technique is the following. A partition is placed in the mold; bulk mullite is poured into one end and fireclay into the other, whereupon the dividing plate is removed and the layer is stamped by hand. Subsequent layers are applied in the same fashion. The properties of the mullite-fireclay portion of refractory, which is used in the roof of a reverberatory copper-melting furnace, are presented.

A. L.

Card 1/1

TSEKHANSKIY, R.S.; SHESHNEVA, Yu.I.

Cellolignin as filler for molding materials. Gidroliz. i  
lesokhim. prom. 17 no.6:14 '64. (MIRA 17:12)

1. Kafedra khimii Chuvashskogo gosudarstvennogo pedagogicheskogo  
instituta.

IVANOV, A.A.; SHESHUKOV, N.G.; SAPRYKIN, F.Ya.

Wood remains in salt deposits. Sov.geol. 6 no.8:107-111 Ag '63.  
(MIRA 16:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.  
(Trees, Fossil) (Salt deposits)

SVISHCHEV, M.F.; SHESHUKOV, N.L.; KREMS, L.M.; RYBAKOV, A.P.

Development of the Devonian pool in the Sultangulovo field of  
Orenburg Province. Geol. nefti i gaza 4 no.11:46-50 N '60.  
(MIRA 13:11)

1. Neftepromyslovoe upravleniye Buguruslannetft'.  
(Orenburg Province--Oil reservoir engineering)

SHESHUKOV, N.L.; KRYMOV, V.F.

Oil potential of the Famennian stage in Orenburg Province.  
Geol. nefti i gaza 6 no.12:45-47 D '62. (MIRA 15:12)

1. Neftepromyslovoye upravleniye Buguruslanneft' i trest  
Orenburgneftegazrazvedka.  
(Orenburg Province—Petroleum geology)

S. MESHUKOV, N.L.

Characteristics of the Upper Devonian and Tournaisian sedimentation  
in the region of the Kinel' dislocations. Neftegaz.geol.i geofiz.  
no.9:17-20 '63. (MIRA 17:5)

1. Neftepromyslovoe upravleniye "Buguruslanneft".

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001549120015-3

SHISHUKOV, N. V.

Geology and oil and gas potentials of the Samara dislocation. Treaty  
RUSXU no. 36:126-203 '63.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001549120015-3"

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001549120015-3

BURMA, 1949; CHINA, 1949

Projects for trading oil in Shanxi province, R.R. from S no.4:1-3  
(MIA 17:10)  
1949.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001549120015-3"

SHESHUKOV, P., st. inzhener radiokluba.

Lectures on radio have been started in Tiumen. Radio no.1:14 Ja '54.  
(MIREA 7:1)

(Tyumen' Province--Radio--Study and teaching) (Study and teaching--  
Radio--Tyumen' Province)

SHESHUKOVA, V. S.

"The History of Reservoirs of the Transurals," Doklady Akademii Nauk, Vol 51, No 3, 1946  
(132-143).  
(Meteorologiya i Gidrologiya, No 6 Nov/Dec 1947)

SC: U-3218, 3 Apr 1953

SHEŠHUKÓVA, V. S.

21590      SHESHUKOVA, V. S. Diatomovyye vodorosli ilovykh otlozheniy i  
podstilayushchikh ikh glin iz ozer Onego-Belomorskogo  
vodorazdela. Trudy Leningr. o-va estestvoispytateley, t. LXIX,  
vyp. 3, 1949, s. 177-97. — Bibliogr: 8 Nazv

SO: Letopis' Zhurnal'nykh, Statey, No. 29, Moskva, 1949

SHESHUKOVA, V. S.

Kamyshlov District--Algae, Fossil

History of the ponds of the Trans-Ural region based on the study of their diatomaceous flora. Part 1., Lakes of the Kamyshlov District. Trudy Lab. sapr. otl., No. 5, 1951

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

1. V. S. SHESHUKOVA
2. USSR (600)
4. Algae, Fossil - Don River
7. Material for the study of diatomaceous algae in Cenozoic deposits of the Lower Don. Nauch, biul. Len. un. no. 28. 1951
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

TOPACHEVS'KIY, O.V. [reviewer]; GOLLERBAKH, M.M.; POLYANSKIY, V.I.; ZABELINA, M.M.;  
KISELEV, I.A.; PROSHKINA-LAVRENKO, A.I.; SHESHUKOVA, V.S. [authors].

Review of the "Guide to fresh-water algae of the U.S.S.R." (no.1:"Study of  
fresh-water algae. General survey," M.M.Gollerbach, V.I.Polianskii; no.4:  
"Diatomaceous algae," M.M.Zabelina, I.A.Kiselev, A.I.Proshkina-Lavrenko,  
V.S.Sheshukova). O.V.Topachevs'kiy. Bot.zhur.[Ukr.] 9 no.1:87-88 '52.  
(MIRA 6:11)

(Algae) (Gollerbach, M.M.) (Zabelina, M.M.)

PROSHKINA-LAVIELENKO, A.I., redaktor; SHESHUKOVA, V.S., redaktor.

[Symposium on diatoms, dedicated to the memory of Professor V.S.Poretskii]  
Diatomovyi sbornik, posviashchennyi pamiatti professora V.S.Poretskogo.  
Leningrad, Izd-vo Leningradeskogo gos. universiteta, 1953. 228 p. (MIRA 7:6)

1. Leningrad. Universitet. Biologo-pochvennyy fakul'tet.  
(Diatoms)

GOLLERBAKH, V.I., professor; KOSINSKAYA, Y.E.K.; POLYANSKY, V.I., professor; MATVIYENKO, A.M.; ZABELINA, M.M.; KISELEV, I.A.; PROSHKINA-LAVREJKO, A.I.; SHESHUKOVA, V.S.; POPOVA, T.G.; SAVICH, V.P., professor, zasluzhennyj redaktor's nauki RSFSR, redaktor; STREL'NIKOVA, L.I., tekhnicheskiy redaktor; GRIBOVA, V.P., tekhnicheskiy redaktor; GUBER, tekhnicheskiy redaktor; KHROSH, A.I., tekhnicheskiy redaktor; KOROLEVA, L.I., tekhnicheskiy redaktor.

[Guide to the fresh-water algae of the U.S.S.R.; in 14 volumes]  
Oprdelitel' presnovodnykh vodoroslei SSSR; v chetyrnadtsati vypuskakh. Redaktsionnaia kollegija: M.M. Gollerbach, V.I. Polianskii, V.P. Savich(otv.redaktor) Moskva, Gos.izd-vo "Sovetskaiia nauka." No.2[Blue-green algae] Sinezelenye vodorosli. 1953. 651 p.  
No.3[Chrysophyta] Zolotistye vodorosli, 1954. 187 p. No.4[Diatomaceae] Diatomovye vodorosli 1951. 618 p. No. 6[Pyrrophyta] Pirofitovye vodorosli 1954. 211 p. No.7[Euglenophyta] Evglenovye vodorosli 1955. 282 p.  
(Algae)

SHESHUKOVA-PORJTSKAYA, V.S.

History of waters of the trans-Ural region based on a study of  
their diatomaceous flora. Uch.zap.Len.un.no.191:105-162 '55.  
(Ural Mountain region--Diatoms) (MLRA 9:7)

SHESHUKOVA-PORETSKAYA, V.S.

Diatomaceous algae of marine intermarine deposits of the  
European U.S.S.R. Uch.zap.Len.um.no.191:163-192 '55.  
(Diatoms, Fossil) (MLRA 9:7)

15-1957-7-9089

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,  
pp 36-37

AUTHOR: Sheshukova-Poretskaya, V. S.

TITLE: On the Fossil Genus Rouxia Brun and Heribaud (Bacillariophyta) (O iskopayemom rode Rouxia et Heribaoul (Bacillariophyta))

PERIODICAL: Botan. Materialy Otol. sporovykh rast. Botan. in-t.  
AN SSSR, 1956, vol 11, pp 64-75

ABSTRACT: The genus of diatomaceous alga Rouxia Brun and Heribaud is described in detail. An exhaustive critical survey of the literature concerning this fossil genus is made. The genus Rouxia is a connecting link between genera having sutures on one valve only and true Diraphineae with sutures on both valves. There is a very close kinship, apparently, between Rouxia and Peronia, which has rudimentary sutures on only one of its valves. The genus includes four species. One of

Card 1/2

15-1957-7-9089

On the Fossil Genus Rouxia Brun and Heribaud (Bacillariophyta)  
(Cont.)

these, Rouxia antarctica (Heiden) Hanna, was found in sediments in the southern part of the Indian Ocean, probably in secondary deposits. All reliable discoveries of the genus Rouxia come from Tertiary rocks, chiefly from the Upper Miocene and Lower Pliocene. It also appears in the Eocene-Lower Oligocene rocks of Sweden (Hälling, Southern Lapland, Orträsk, and Smaland).

Card 2/2

A. P. Zhuze

SHERSHUKOVA-PORETSKAYA, V.S.

New and interesting species of diatoms from trans-Ural bodies of water. Bot.mat.Otd.spor.rast. 11:76-81 Ja '56. (MIRA 9:11)

1. Kafedra botaniki Leningradskogo gosudarstvennogo universiteta.  
(Ural Mountain region--Diatoms)